### COURSE CRITIQUE

Please rate 1-10 (poor to excellent respectively) by placing a check on the scale given. Comment below question where indicated. Use back of pages if needed.

		RATING
1. Format of the course was 5% time commitment and to p of a particular topical area.	intended to accommodate to a roug rovide for a full-day class treatme Please rate:	gh nt
i .	1 day/month 4 hours/every 2 weeks	1/
Other Alternatives:		
2. The point of the application current course material was unate effectiveness:	ms session was to illustrate where utilized in the real world. Please  Material relevance Applications speakers	1
	Applications speakers	1 —
		·
3. The purpose of the homewowith about 8 hours of work. F	ork was to exercise topical materia Please rate these:	al
3. The purpose of the homewowith about 8 hours of work. F	Please rate these:  3 one-hour problems	1 ,
with about 8 hours of work. F	Please rate these:  3 one-hour problems 20 ten-minute problems	1 -
with about 8 hours of work. F	Please rate these:  3 one-hour problems 20 ten-minute problems	1 -
with about 8 hours of work. F  4. The goal of the intermedia alive" exercise in the topical a	Please rate these:  3 one-hour problems	tky's .
with about 8 hours of work. F	Ilease rate these:  3 one-hour problems 20 ten-minute problems  Landy deserve commenting, te 2-hour session was to give a "ke	tky's.

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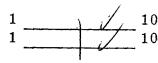
5. The class was intended to be weigh pictorial development in order to convreadily. Please rate:		
	Diagrammatic presentation Mix of vuegraphs & chalkboard	1 /
6. The symbology of various systems the separate source developments. As made in order to permit cross interpr literature. Please rate effectiveness:	n effort at consistency was etation within the technical	
	Common symbology Example illustrations	1
7. The intent of notes and handout mamonth was to tie course topics to technology.		
	Effectiveness of handout reprints Effectiveness of specially developed handouts	1 /
8. General impedimenta such as same format, etc., for providing continuity.		
	Room Day Daily sequence	1 1 1
9. The course was designed to present several disciplines: Please rate appli		
Communications & Option Hum. Eng. & Biomed. 5 Seism Computer Technology 5		-

#### SUBSTANCE

RATING

10. The course material was split 50% basic math tools and 50% in commonality subsystems. (Those subsystems which are pervasive in designs across disciplines.) The sequence was that recommended by ASEE for math modelling related to several fields. Please rate:

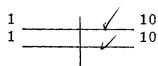
Balance of material Total content



The sequence is given below for each session. Please give your rating for both material content and for the applications given both formally and in the course of concept development.

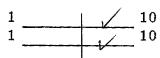
11. Session I; Vectorial Representation; matrices, num. analysis, linear systems, sampling, manipulation

Material Application



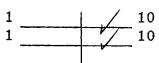
12. Session II; Transforms; convolution, Fourier and Laplace transformations, Z transforms, impulse response, numerical analysis.

Material Application



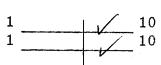
13. Session III; Probability and Statistics; random var., expectancy, density functions, distributions, confidence limits

Material Application



14. Session IV; Stochastic Variable; stationarity, ergodicity, moments, correlation, power spectral density, white noise, square law detection.

Material Application



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detection, Bayes Law.	ue, cost liklihood ratio		
	Material Application	1 1	10
16. Session VI; Detector Subsystems characteristics, detection situations and prediction.			
	Material Application	1	10
17. Session VII; Detector Subsystem whitening, matched filtering, thresholains.			•
	Material Application	1	10 10
18. Session VIII; Spatial Processing filtering, correlation matrix for sign		spatial	
	Material Application	1	10 10
19. Session IX Spatial Processing II filtering, lobe periodicity.	; optimum array, shading, opt	timum	
	Material Application	1	10 10

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20. Session X; Servomechanis regulation, feedback, root loc	sms and Control; closed loous, stability criteria, bang	op systems, g-bang system	ns.	
	Material	1	. 1	10
	Application	. 1		10
21. Session XI; Modulation; a band modulation, effects of inc	nalog modulation, AM, FM dex of modulation noise im	I, PM, supre munity.	ssed	
	Material	. 1		10
	Application	1		10
22. Session XII; Modulation; noise immunity, entropy. (Co		correction co	des,	<b>,</b>
	Material	•	1	1
	Application	:	L	1

